

AMENDMENTS TO THE SPECIFICATION

Please substitute the amended paragraphs [0006], and [0049] as set forth below.

MARKED-UP PARAGRAPHS

[0006] Extensions to RSVP for various purposes are described in RFC 3209, RFC 3471, RFC 3473, and RFC 3477, full citations of which are: "Extensions to RSVP for LSP Tunnels", D. Awduche, et al, RFC 3209, December 2001; "Generalized Multi-Protocol Label Switching (GMPLS) Signaling Functional Description", RFC 3471, L. Berger, et al., January 2003; "Generalized Multi-Protocol Label Switching (GMPLS) Signaling Resource ReserVation Protocol-Traffic Engineering (RSVP-TE) Extensions", RFC ~~3471~~ 3473, L. Berger, et al, January 2003; "Signaling Unnumbered Links in Resource ReSerVation Protocol - Traffic Engineering (RSVP-TE) ", RFC 3477, K. Kompella, Y. Rekhter, January 2003. Throughout this document, familiarity with all the foregoing references is assumed.

[0049] If a node experiences a control plane failure and restarts, existing graceful restart procedures do not ensure that Explicit Route Object (ERO) expansion before and after the failure yield the same results. A change in ERO expansion should be avoided as it may lead to undesirable results. According to techniques herein, such a change can be prevented. To support this solution, a new RSVP object, called a Recovery ERO object, is introduced.